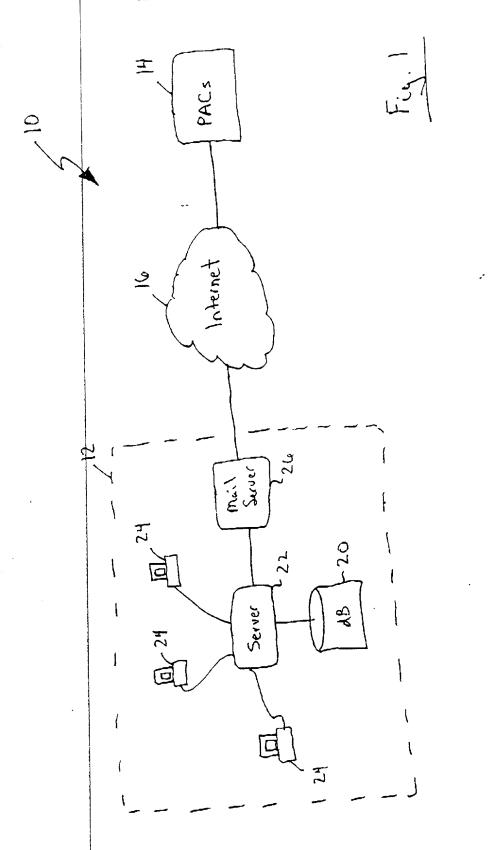Inventor: SMOLARSKI-KOFF et al.
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Title: DATA EXCHANGE METHOD AND COMMUNICATION PROTOCOL USED DURING SAME
Attorney Name: Gregory A. Sebald
Phone No : 612.336 4728
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10

14
PACs

16
Internet
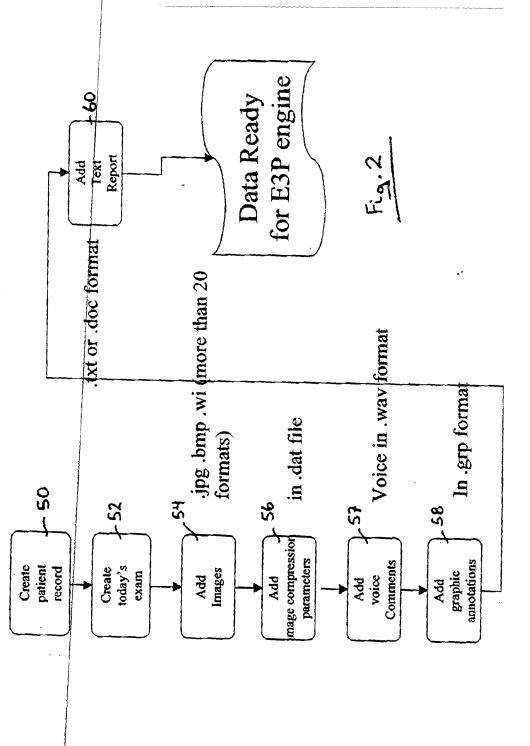
12

26
Mail Server
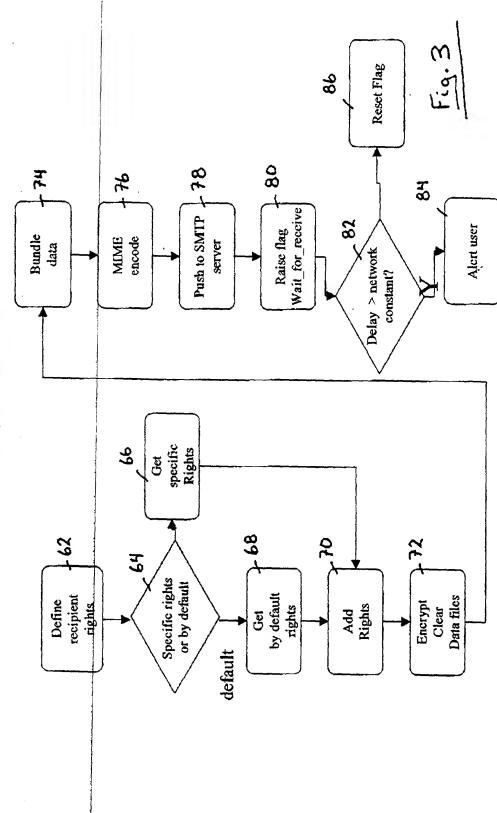
24

22
Server

20
dB

24

24

Fig. 1

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Create patient record `50`

Create today's exam `52`

Add Images `54` — .jpg .bmp .wi (more than 20 formats)

Add image compression parameters `56` — in .dat file

Add voice Comments `57` — Voice in .wav format

Add graphic annotations `58` — In .grp format

Add Text Report `60` — .txt or .doc format
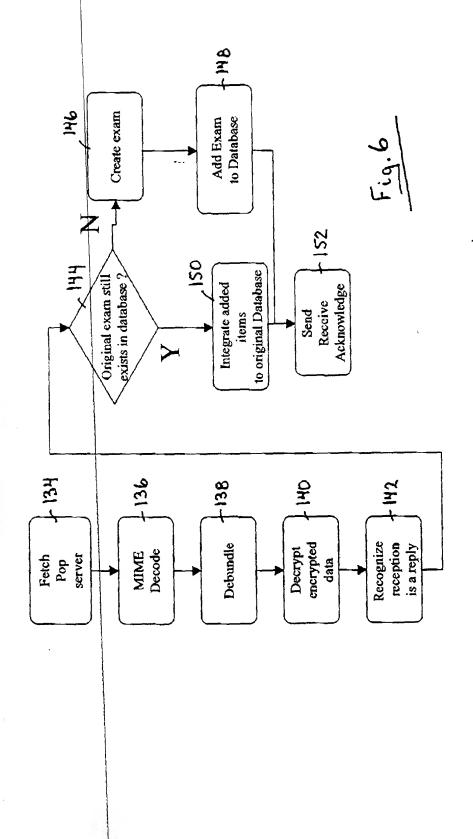
Data Ready for E3P engine

Fig. 2

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Fig. 3

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Fig. 4

Fig. 5

Fig. 6

Create exam _146_

Add Exam to Database _148_

Original exam still exists in database? _144_   N   Y

Integrate added items to original Database _150_

Send Receive Acknowledge _152_

Fetch Pop server _134_ → MIME Decode _136_ → Debundle _138_ → Decrypt encrypted data _140_ → Recognize reception is a reply _142_

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Fig. 7